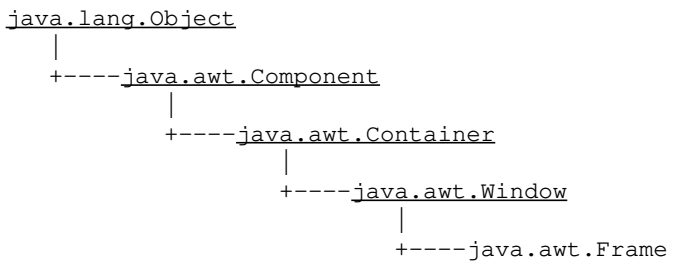
Class java.awt.Frame



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public class **Frame**
extends Window
implements MenuContainer

A Frame is a top−level window with a title. The default layout for a frame is BorderLayout.

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Author:
Sami Shaio

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Constructs a new Frame that is initially invisible.
o **Frame**(String)
Constructs a new, initially invisible Frame with the specified title.

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Creates the Frame's peer.
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Disposes of the Frame.
o **getIconImage**()
Returns the icon image for this Frame.
o **getMenuBar**()

Gets the menu bar for this Frame.

- **getTitle**()
  Gets the title of the Frame.
- **isResizable**()
  Returns true if the user can resize the Frame.
- **paramString**()
  Returns the parameter String of this Frame.
- **remove**(MenuComponent)
  Removes the specified menu bar from this Frame.
- **setCursor**(Image)
  Set the cursor image
- **setIconImage**(Image)
  Sets the image to display when this Frame is iconized.
- **setMenuBar**(MenuBar)
  Sets the menubar for this Frame to the specified menubar.
- **setResizable**(boolean)
  Sets the resizable flag.
- **setTitle**(String)
  Sets the title for this Frame to the specified title.

Constructors

- **Frame**

```
public Frame()
```

Constructs a new Frame that is initially invisible.
See Also:
resize, show

- **Frame**

```
public Frame(String title)
```

Constructs a new, initially invisible Frame with the specified title.
Parameters:
title – te specified title
See Also:
resize, show

Methods

- **addNotify**

```
public synchronized void addNotify()
```

Creates the Frame's peer. The peer allows us to change the look of the Frame without changing its functionality.

Overrides:
addNotify in class Window

o **getTitle**

```
public String getTitle()
```

Gets the title of the Frame.
See Also:
setTitle

o **setTitle**

```
public void setTitle(String title)
```

Sets the title for this Frame to the specified title.
Parameters:
title – the specified title of this Frame
See Also:
getTitle

o **getIconImage**

```
public Image getIconImage()
```

Returns the icon image for this Frame.

o **setIconImage**

```
public void setIconImage(Image image)
```

Sets the image to display when this Frame is iconized. Note that not all platforms support the concept of iconizing a window.
Parameters:
image – the icon image to be displayed

o **getMenuBar**

```
public MenuBar getMenuBar()
```

Gets the menu bar for this Frame.

o **setMenuBar**

```
public synchronized void setMenuBar(MenuBar mb)
```

Sets the menubar for this Frame to the specified menubar.
Parameters:
mb – the menubar being set

o **remove**

```
public synchronized void remove(MenuComponent m)
```

Removes the specified menu bar from this Frame.

o **dispose**

```
public synchronized void dispose()
```

Disposes of the Frame. This method must be called to release the resources that are used for the frame.
Overrides:
dispose in class Window

o **isResizable**

```
public boolean isResizable()
```

Returns true if the user can resize the Frame.

o **setResizable**

```
public void setResizable(boolean resizable)
```

Sets the resizable flag.
Parameters:
resizable – true if resizable; false otherwise.

o **setCursor**

```
public void setCursor(Image img)
```

Set the cursor image

o **paramString**

```
protected String paramString()
```

Returns the parameter String of this Frame.
Overrides:
paramString in class Container